

# (12) United States Patent

# Mueller

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# (54) SEPARATION APPARATUS FOR SEPARATION OF MATERIAL FROM A LIQUID

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CPC ...... B01D 21/245 (2013.01); B01D 21/04 (2013.01); **B01D** 21/20 (2013.01); **B01D** 21/34 (2013.01); B23Q 11/1069 (2013.01); B24C 9/003 (2013.01); B01D 2221/14 (2013.01)

## (58) Field of Classification Search

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#### (57)**ABSTRACT**

The separation apparatus for separation of material from a liquid includes a tank (10) through which the liquid can be passed and a conveying device (20). The tank has a bottom (10c) on which material collects during operation. The conveying device has a conveying element (21) that can be moved along the bottom (10c) by a drive (25). The conveying element is set up for picking up material that has collected on the bottom and for conveying it out of the tank (10).

# 15 Claims, 4 Drawing Sheets

